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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Complete if Known **Application Number** 10/058.214 Filing Date 01-29-2002 First Named Inventor LAMBERT, Robert J. Art Unit **Examiner Name** Not Yet Assigned Attorney Docket Number 00001-0423

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| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------|---------------------------------|--------------------------------|--|--|
| Examiner Initials | Cite No.1 | Document Number Number Kind Co | Publication Date de MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| KV | | US- 6,212,279 B1 | 04-03-2001 | Robert W. Reiter, Jerome Solinas | |
| K.A. | | US- 6,243,467 B1 | 06-05-2001 | Robert W. Reiter, Jerome Solinas | |
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| Examiner Initials | Cite No.1 | Foreign Patent Document | | | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant | T |
| | | Office ³ | Number ⁴ | Kind ^s (if known) | MM-DD-YYYY | Applicant of Cited Document | Passages or Relevant Figures Appear | T® |
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Application Number 10/058,214

Filing Date 01-29-2002

First Named Inventor LAMBERT, Robert J.

Group Art Unit 2131

Examiner Name Not Yet Assigned

Attorney Docket Number 00001-0423

| Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. JEROME A. SOLINAS, An Improved Algorithm for Arithmetic on a Family of Elliptic Curves, Advances in Cryptology - CRYPTO '97, 1997, 357-371. JEROME A. SOLINAS, Improved Algorithms for Arithmetic on Anormalous Binary Curves, Technical Report, 1999, Available at http://cacr.puysterlog.ca | <u> </u> | | | |
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| tem (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher. city and/or country where published. JEROME A. SOLINAS, An Improved Algorithm for Arithmetic on a Family of Elliptic Curves, Advances in Cryptology - CRYPTO '97, 1997, 357-371. JEROME A. SOLINAS, Improved Algorithms for Arithmetic on Anormalous Binary Curves, Technical Report, 1999. Available at http://cacr.uwaterloo.ca. RECEIVED MAY 1 0 2002 Technology Center 2100 | \$) \$/ | | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | |
| JEROME A. SOLINAS, Improved Algorithms for Arithmetic on Anormalous Binary Curves, Technical Report, 1999. Available at http://cacr.uwaterloo.ca. RECEIVED MAY 1 0 2002 Technology Center 2100 | Examiner Initials | | item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
| RECEIVED MAY 1 0 2002 Technology Center 2100 | r.A | | JEROME A. SOLINAS, An Improved Algorithm for Arithmetic on a Family of Elliptic Curves, Advances in Cryptology - CRYPTO '97, 1997, 357-371. | |
| Technology Center 2100 | hr | | JEROME A. SOLINAS, Improved Algorithms for Arithmetic on Anormalous Binary Curves, Technical Report, 1999. Available at http://cacr.uwaterloo.ca. | |
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